## **CLAIMS**

## What is claimed is:

	<b>\</b>
500	A method for processing a database query on a set of data in a database managemen
2	system, the method comprising the steps of:
3	a) utilizing a query processor to call a data manager and request the return of
4	data from the set of data;
5	b) allowing the data manager to locate query-specified data and make a
6	determination regarding the query-spec fied data;
<b>5</b> 7	c) utilizing the data manager to write the query-specified data to a buffer based
	on the determination; and
₽9 ·	d) utilizing the query processor to retrieve the query-specified data from the
10	buffer.
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.± .±1 	2. The method of claim 1 wherein the determination involves determining whether the
÷ <b>=</b> 2	query-specified data is to be ignored, consumed, or returned to the query processor.
1	3. The method of claim wherein the determination is that the query-specified data is
2 .	to be returned to the query processor.
1	4. The method of claim 3 wherein the set of data is stored on a plurality of pages and
2	step b) further comprises:
3	b1) locating a page containing query-specified data;

4		62)	stabilizing	the page; and
5		b3)	accessing t	the page.
•	<i>E</i>	T1	4 1 6 1	
ı	5.	I he n	nethod of cla	im 4 wherein step c) further comprises:
2		c1)	maintainin	g the stabilization of the page, while the data manager writes all
3	the qu	uery-spe	ecified data or	n the page to the buffer.
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. 1	6.	A sys	tem for proce	essing a database query on a set of data in a database management
2	syster	n, the sy	ystem compri	ising:
<b>3</b> <b>4</b>	•	a data	manager;	
<u> </u>		a quer	y processor c	comprising means to call the data manager and request the return
-5 	of dat	a from t	he set of data	1;
6		means	for allowing	the data manager to locate query-specified data and make a
7	detern	nination	regarding th	e query-specified data;
<b>.</b> <b>.8</b>	•	means	for utilizing	the data manager to write the query-specified data to a buffer the
9	data n	nanager	to write the q	pery-specified data to a buffer based on the determination; and
0		means	for utilizing	the query processor to retrieve the query-specified data from the
1	buffer	•	·	
. * *			·	
1	7.	The sy	stem of clain	n 6 wherein the determination involves determining whether the
2	query-	specifie	d data is to b	e ignored, consumed, or returned to the query processor.
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	8.	The sys	stem of claim	1 7 wherein the determination is that the query-specified data is to

2	be returned to the query processor.
1	9. The system of claim 8 wherein the set of data is stored on a plurality of pages and the
2	means for allowing the data manager to locate query-specified data further comprises:
3	means for locating a page containing query-specified data;
4	means for stabilizing the page; and
5	means for accessing the page.
1 .	10. The system of claim 9 wherein the means for utilizing the data manager to write the
]2	query-specified data to a buffer further comprises:
.] =3	means for maintaining the stabilization of the page, while the data manager writes al
100 mg 11 mg 14	the query-specified data on the page to the buffer.
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]	11. A computer readable medium containing program instructions for processing a
= =2 :	database query on a set of data in a database management system, the program instructions
를 보고 하는 마음을 보고 있다. 	comprising the steps of:
4	a) utilizing a query processor to call a data manager and request the return of
5	data from the set of data;
6	b) allowing the data manager to locate query-specified data and make a
7	determination regarding the query-specified data;
8	
9	on the determination; and
0	d) utilizing the query processor to retrieve the query-specified data from the
1	buffer. buffer.

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- 12. The computer readable medium of claim 11 wherein the determination involves determining whether the query-specified data is to be ignored, consumed, or returned to the query processor.
  - 13. The computer readable medium of claim 12 wherein the determination is that the query-specified data is to be returned to the query processor.
  - 14. The computer readable medium of claim 13 wherein the set of data is stored on a plurality of pages and step b) further comprises:
    - b1) locating a page containing query-specified data;
    - b2) stabilizing the page; and
    - b3) accessing the page.
  - 15. The computer readable medium of claim 14 wherein step c) further comprises:
  - c1) maintaining the stabilization of the page, while the data manager writes all the query-specified data on the page to the buffer.

